| AMENDMENT TRANSMITTAL LETTER (Large Entity)  |   |   |                    |  | Docket No.           |  |  |
|--|---|---|--------------------|--|----------------------|--|--|
| Applicant(s): Christopher Kapusta et al.   |   |   |                    |  | 126715-1             |  |  |
| Application No.  | Filing Date                                     | Examiner                                    | Customer           | No. Group Art U  | nit Confirmation No. |  |  |
| 10/065,881   | November 27, 2002                               | Jennifer Doan                               | 23413              | 2874   | 5282                 |  |  |
| Invention: OPT   | ICAL VIA FOR THRE                               | e dimensional int                           | ERCONNECTION       |  |                      |  |  |
|  |   |   |                    |  |                      |  |  |
|  |   |   |                    |  |                      |  |  |
|  |   | COMMISSIONER FO                             | R PATENTS:         |  |                      |  |  |
| Transmitted herev  | <b>rith is an amend</b> ment in                 | n the above-identified a                    | pplication.        |  | •                    |  |  |
| The fee has been   | calculated and is trans                         | mitted as shown below.                      |                    |  |                      |  |  |
|  |   | CLAIMS AS AM                                | ENDED              | •  |                      |  |  |
|  | CLAIMS REMAINING                                | HIGHEST #                                   | NUMBER EXTRA       | 0.77   | ADDITIONAL           |  |  |
|  | AFTER AMENDMENT                                 | PREV. PAID FOR                              | CLAIMS PRESENT     | RATE   | FEE                  |  |  |
| TOTAL CLAIMS   | 34 -  | 34 -  | 0                  | x \$50.00  | \$0.00               |  |  |
| INDEP. CLAIMS  | 8 .   | 6 =   | 2                  | x \$200.00   | \$400.00             |  |  |
| Multiple Dependen  | Multiple Dependent Claims (check if applicable) |   |                    |  |                      |  |  |
| TOTAL ADDITIONAL FEE FOR THIS AMENDMENT \$400.00   |   |   |                    |  |                      |  |  |
| ☐ No additio   | nel fee is required for a                       | mendment.                                   |                    |  | 으 _ 2                |  |  |
|  | arge Deposit Account I                          |   | the amount of      | 3400.00  | RECEI                |  |  |
| ☐ A check in ☑ The Direct  | the amount of                                   | to cover the filing<br>to charge payment of | fee is enclosed.   | assaulated with H                                      |                      |  |  |
|  |   | rpayment to Deposit Ac                      |                    | associated with u                                      | .CEIVED              |  |  |
| Any e  | dditional filing fees req                       | ulred under 37 C.F.R.                       | 1.16.              | •  | S & D .              |  |  |
|  | •         | essing fees under 37 Cl                     | FR 1.17.           |  |                      |  |  |
|  | y credit card. Form FT                          | 'O-2038.<br>form may become pu'             | hile Credit card i | nformation show  | ild not be           |  |  |
|  |   | credit card informatio                      |                    |  |                      |  |  |
|  |   |   |                    |  |                      |  |  |
|  | 112   | 1-  | Datadi T           |  |                      |  |  |
| Stenature Dated: June 6, 2005  |   |   |                    |  |                      |  |  |
| Daniel P. Lent   |   |   |                    | A  |                      |  |  |
| Registration No.: 44,867  [I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first |   |   |                    |  |                      |  |  |
| class mall in an envelope addressed to "Commissioner for Patent  |   |   |                    |  |                      |  |  |
| P.O. Box 1450, Alexandria, VA 22313-1450* [37 CFR 1.8(a)] on   |   |   |                    |  |                      |  |  |
| (Date)   |   |   |                    |  |                      |  |  |
|  |   |   |                    |  |                      |  |  |
| Signature of Person d  |   |   |                    |  | orrespendence        |  |  |
| cc:  |   |   |                    |  |                      |  |  |
|  |   | _ 0   | Typed or Print     | Typed or Printed Name of Person Malling Correspondence |                      |  |  |

| CERTIFICATE OF TI opplicant(s): Christopher | RANSMISSION BY FAC<br>Kapusta et al. | SIMILE (37 CFR 1.8)   | Docket No.<br>126715-1  |
|---|--------------------------------------|---|-------------------------|
| Application No.<br>10/065,881               | Filing Date November 27, 2002        | Examiner Jennifer Doan  | Group Art Unit<br>2874  |
| nvention:                                   |                                      |   |                         |
| PTICAL VIA FOR THRE                         | e dimensional intercor               | NNECTION  | RECEIVED                |
|   |                                      | •   | JUN 0 6 2005            |
|   |                                      |   |                         |
| hereby certify that this .                  | Amendment?                           | Fransmittal Letter (1) and Amen                                     | adment (11)             |
| being facsimile transmitt                   | ed to the United States Patent       | (Identify type of correspondence)<br>t and Trademark Office (Fax. N | lo. 1-703-872-9306      |
| June 6, 200                                 | )5                                   |   |                         |
| (Date)                                      |                                      |   |                         |
|   |                                      | Jill McCall   | Thurn                   |
|   |                                      | (Typed or Printed Name of Perso                                     | ou Signing Certificate) |
|   |                                      | (Signature)   | illum                   |
|   |                                      | $\mathcal{O}$   |                         |
|   |                                      |   |                         |
|   |                                      |   |                         |
|   | Note: Each paper must he             | ave its own certificate of mailing.                                 |                         |
|   |                                      |   |                         |
|   | •                                    |   |                         |
|   | •                                    |   |                         |
|   |                                      |   |                         |
|   |                                      |   |                         |
|   |                                      |   |                         |
|   |                                      |   |                         |
|   |                                      |   |                         |



## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

| APPLICANT:     | Christopher Kapusta et al.  | )                            |
|----------------|-----------------------------|------------------------------|
|                | •                           | ) Group Art Unit: 2874       |
| SERIAL NUMBER: | 10/065,881                  | )                            |
|                |                             | ) Examiner: Doan, ) Jennifer |
| FILED:         | November 27, 2002           | )                            |
|                |                             | ) Confirmation No: 5282      |
| FOR:           | OPTICAL VIA FOR THREE       | )                            |
|                | DIMENSIONAL INTERCONNECTION | ) Customer No. 23413         |

COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, VA 22313-1450

## **AMENDMENT**

This amendment is submitted in response to the Office Action mailed April 5, 2005.

Reconsideration and allowance of all claims is respectfully requested in view of the following remarks.

06/07/2005 STEUMEL1 00000050 061130 10065881

01 FC:1201

400.00 DA

I hereby certify that this correspondence, consisting of 11 total pages, was facisimile reasonated to the United States Patent Office (Par No. 1.703-872-9306) on

(Date of Deposit)

(Number Person Submitting Proper via Faction))

10/065,881

GE5-0022/126715-1